

QATAR CLIMATOLOG Y



Climate of Qatar

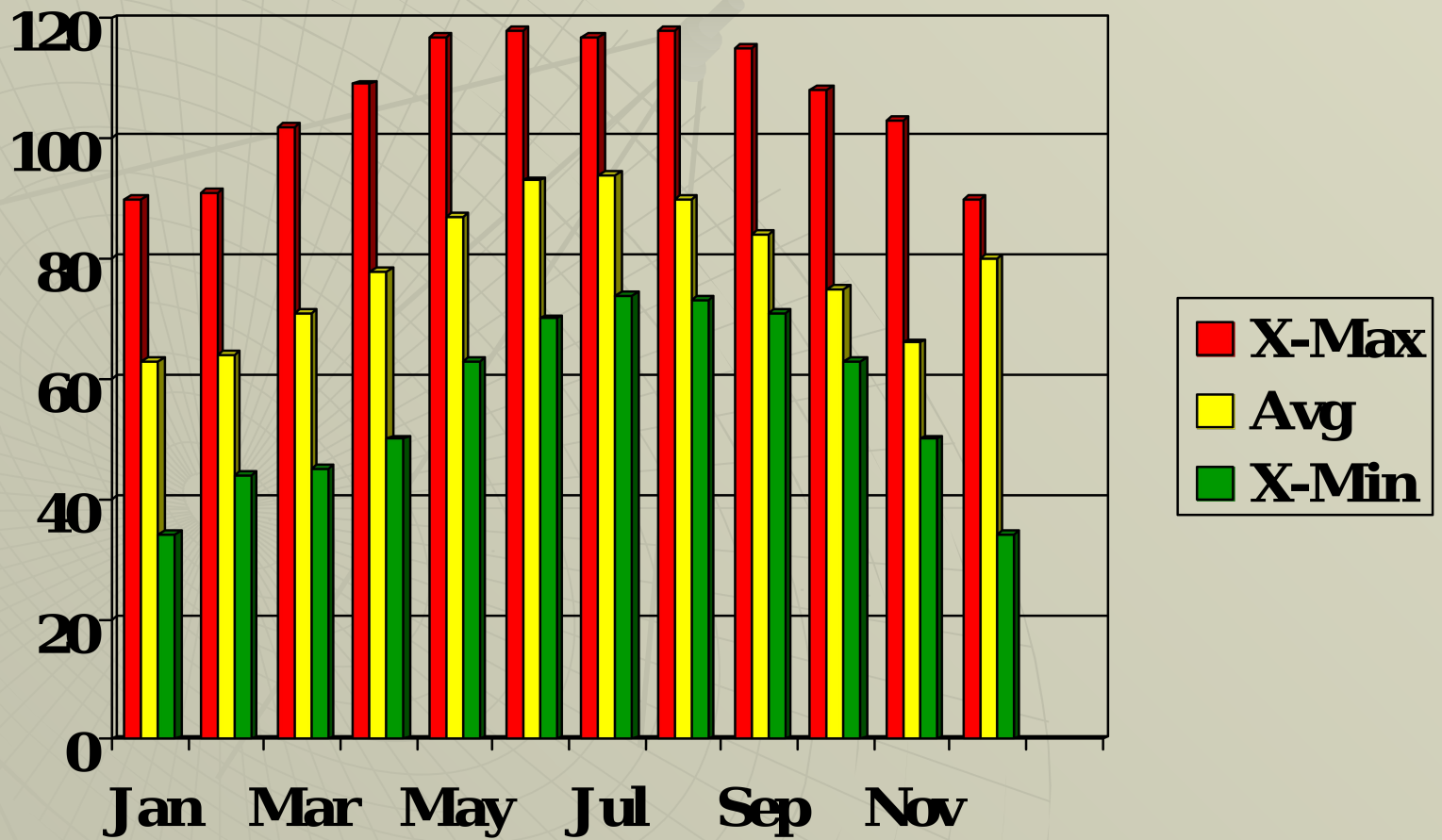
♦ **Qatar's Terrain**

- ♦ Qatar occupies a peninsula on the eastern coast of the Arabian Peninsula between Bahrain and the United Arab Emirates (UAE).
- ♦ The peninsula extends north from its border with Saudi Arabia into the Persian Gulf.
- ♦ Doha, the capital, is about halfway up the east coast of Qatar.
- ♦ The elevation is just above sea level at 33 feet (10 meters).
- ♦ Doha International airport is at the eastern edge of the city, 1-2 NM (2-4 km) from the Persian Gulf.
- ♦ Inland the barren sand coastal plain merges into a flat, barren desert covered with loose gravel and sand.
- ♦ Elevations there are generally 200 feet (60 meters) or less.
- ♦ The coast at Doha has narrow, flat foreshore. Coral reefs exist offshore.

Qatar's Weather

- ♦ **Cool Season (Nov-Apr)** Prevailing winds at Doha are north-northwesterly at 10-12 knots.
- ♦ This is the cloudiest time of the year, but the average cloud cover is clear to scattered. Ceilings below 10,000 feet occur 10-15 percent of the time, mainly in the morning during December February.
- ♦ Blowing dust/sand, dust haze, and occasional shallow fog restrict the visibility.
- ♦ Visibility below 7 miles (11,000 meters) occurs 70 percent of the time overall.
- ♦ Although winter is when Doha receives most of its annual rainfall, rain reduces the visibility below 7miles far less often than salt haze, dust, and fog.
- ♦ Doha has an arid desert climate with only 3.3 inches (84 mm) of rainfall per year. All or most of it falls during the cool season, when less than 1 inch (25 mm) falls each month.
- ♦ The extreme high has been 90 to 91F (32 to 33C) in December-February, but 102F (39C) in March and 109F (43C) in April.
- ♦ Extreme low temperatures were 34 (1C) in December-January, 44 to 45F (7C) in February-March, and 50F (10C) in November and April.
- ♦ **Warm Season (May-Oct)** Hot, dry, clear weather is the rule during this season.
- ♦ Clear skies prevail most of the time.
- ♦ Dust and salt haze restrict the visibility to 4-7 miles (6,000-11,000 meters) most of the time.
- ♦ Shallow fog mixed with dust haze is common at night. Visibility below 3 miles (4,800 meters) occurs mostly from sunrise to late morning.
- ♦ In September, local winds such as the sea breeze take control.
- ♦ Northerly to north-northwesterly winds at 10-12 knots prevail at Doha. Peak wind gusts of 55-60 knots have occurred at Doha in each month of the warm season except October.
- ♦ June-September are precipitation-free. May and October have the most precipitation for the season and are when thunderstorms are possible.
- ♦ This is the hottest time of the year. Extreme highs during May-September are 115 to 118F (46 to 48F).
- ♦ Extreme lows are 70 to 74F (21 to 23C) during the hottest months, and 63F (17C) in May and October.

Qatar's Annual Temp



Qatar's Annual Precipitation

